

ACC NR: AP7000054

is a linear function of the condenser capacitance, the inductivity gradient of the circuit, and the square of the initial voltage. 3) The energy transfer, in case of low erosion, is a linear function of the initial electrical energy and the square of the inductivity gradient. In case of high erosion, only the inductivity gradient remains effective, together with the initial voltage. Orig. art. has: 7 figures and 9 formulas. [WA-71]

SUB CODE: 20/ SUBM DATE: 19Oct65/ ORIG REF: 005/ OTH REF: 001

Card 3/3

ACC NR: AP7004633

SOURCE CODE: UR/0288/66/000/003/0037/0042

AUTHOR: Musin, A. K.

ORG: All-Union Institute of Electrical Engineering im. Lenin, Moscow
(Vsesoyuznyy elektrotekhnicheskiy institut)

TITLE: Electric current flow in a decaying plasma in motion and its diagnostics

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk,
no. 3, 1966, 37-42

TOPIC TAGS: plasma flow, plasma decay, plasma research, *electric field, electric current, charged particle*

ABSTRACT: A study is made of electric field and current steady-state processes and of formation of space charge layers in the near electrode region when an electric field is imposed on a decaying plasma at rest and in motion. Analytical expressions are derived for nonlinear volt-ampere characteristics of a semi-selfmaintained current in a plasma decaying due to introduction of charged particles by the electric field. It is noted that on the basis of an analysis of these characteristics, the effective kinetic plasma coefficients as well as the distribution of electric fields and charged particle concentration can be determined. In particular, the case is considered in which a quasi-neutral plasma flows at velocity $\vec{v}$ between two electrodes to which constant potential difference U_0 is applied. If ionization is absent in the plasma and if no electrons and ions are emitted by the electrodes, then with

Card 1/2

UDC: 533.922+537.3

NAZAROV, G.I.; MUSIN, A.M., inzh.

Using electric vibrators as ensilage rammers. Mekh. i elek. sots.
sel'khoz. 16 no.3:36-39 '58. (MIRA 11:6)

1. Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo
khozyaystva. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'-
skokhozyaystvennykh nauk imeni V.I. Lenina.
(Ensilage) (Vibrators)

MUSIN, A. M., Cand Tech Sci (diss) -- "The development and investigation of an unbalanced electric vibrator for packing silage mass". Moscow, 1959. 14 pp (Min Agric USSR, Moscow Inst of Mechanization and Electrification of Agric), 150 copies (KL, No 9, 1960, 125)

NAZAROV, G.I.; MUSIN, A.M., inzh.

Ensilage rammer. Trakt.i sel'khoz mash. no.8:31-33 Ag '59.
(MIRA 12:11)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystven-
nykh nauk im. V.I.Lenina (for Nazarov). 2. Moskovskiy institut
mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (for
Musin).

(Ensilage) (Agricultural machinery)

MUSIN, A.M.

Load diagram of the electric drive of vibrating ensilage rammers.
Dokl. Akad. sel'khoz. 24 no.11:42-48 '59 (MIRA 13:3)

1. Moskovskiy institut elektrifikatsii i mekhanizatsii sel'skogo
khosyaystva. Predstavlena chlenom-korrespondentom Vsesoyuznoy akademii
sel'skokhosyaystvennykh nauk im. Lenina.
(Agricultural machinery--Electric driving)

MUSIN, A.M., kand.tekhn.nauk

Measuring the moment of an electric motor in drives with
a flexible shaft. Mekh. i elek. sots. sel'khoz. 19 no.6:51-52
'61. (MIRA 14:12)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A.
Timiryazeva.

(Electric motors)

(Electric moments)

MUSIN, A.M., kand. tekhn. nauk (Moskva)

Electric power in agricultural production. Elektrichestvo
no.8:7-12 Ag 1963. (MIRA 16:10)

MUSIN, A.M., kand. tekhn. nauk

Special features in using electric motors in agriculture.
Elektrotehnika 34 no.11:8-11 N '63. (MIRA 17:2)

PANKRATOV, V.; MUSIN, B.

Application of liquid asphalt in concrete maintenance. Avt.dor.
22 no.7:11 J1 '59. (MIRA 12:9)
(Asphalt) (Pavements, Concrete)

MUSIN, B.

In anticipation of the 22nd Congress of the CPSU. Radio no.7:4
J1 '61. (MIRA 14:10)

1. Predsedatel' Kaliningradskogo gorodskogo komiteta Dobrovol'nogo
obshchestva sodeystviya armii, aviatsii i flotu.
(Kaliningrad (Moscow Province)--Radio clubs)

USSR / Farm Animals, Cattle

Q-2

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7134

Author : B. Musin

Inst : Not given

Title : Perfecting the Kazakh Whitehead Breed of Large
Horned Cattle

Orig Pub: S. kh. Kazakhstana, 1957, No 2, 30-32, 1957, No 2,
24-26

Abstract: No abstract.

Card 1/1

5

MUSIN, B., kand. sel'khoz. nauk laureat Gosudarstvennoi premii;
BERESHCHUK, N., red.; NAGIBIN, P., tekhn. red.

[One and a half pood of beef per head in one month] Poltora
puda goviadiny na golovu v mesiats. Alma-Ata, Kazsel'-
khozgiz, 1962. 26 nos. i l v. 14 p. (MIRA 17:1)

L 47456-66 EWP(d)/EWT(m)/EWP(v)/T/EWP(k)/EWP(h)/EWP(1) DJ

ACC NR: AP6030637

SOURCE CODE: UR/0413/66/000/016/0149/0149

INVENTOR: Sadovnikov, V. V.; Musin, E. I.; Uvarov, V. G.; Kostyuk, I. Ye. 37
B

ORG: none

TITLE: A device for the manual and automatic coupling and uncoupling of hydraulic systems. Class 72, No. 185241

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 149

TOPIC TAGS: hydraulic equipment, auxiliary aircraft equipment, *valve*

ABSTRACT: This Author Certificate introduces a device for the manual and automatic coupling and uncoupling of hydraulic systems such as those found in aircraft. It consists of outer and inner half-joints. The outer half-joint contains a nipple joint and a floating frame with a movable valve seat and a spring. The inner half-joint includes a fixed frame with a valve inside. For easier separation and smoother operation, without any lateral displacements when coupled, the movable valve of the inner half-joint has a channel connection with the outside atmosphere, and the floating frame of the outer half-joint has hinged spring-supported rods. The rods include a tooth for tripping onto the valve guide shoulder of the inner half-joint; and the nipple joint has a rigidly mounted compensating gear with a screwed-on bushing which contains a contoured projection to activate the rods during separation. [SA]

Orig. art. has: 1 figure.

SUB CODE: 13, 01/ SUBM DATE: 19Mar65

UDC: 623.419; 621.643

Card 1/1 *22*

BIKCHURIN, T.N.; MUSIN, F.S.

Ways for increasing the percentage of core recovery when drilling
with No.8 and 10 bits. Bulletin n. 5:3-5 '64. (MIRA 13:5)

1. Test "Al'met'yevburneft".

KANYUKOV, R.Z.; MUSIN, I.T.

Increasing the tempo of gas production in the gas condensate fields
of Bashkiria. Gaz. delo no.8:8-10 '63. (MIRA 17:3)

1. Neftepromyslovoye upravleniye "Ishimbayneft".

MUSIN, I.T.; KANYUKOV, R.Z.

Complications in the exploitation of gas wells and their con-
trol. Gaz. prom. 8 no.3:14-15 '63 (MIRA 17:7)

MUSIN, Kh.F.

Standard for air used in industrial pneumatic equipment is
needed. Standartizatsiia 25 no.8:54 Ag '61. (MIRA 14:7)
(Air--Standards)

MUSIN, Kh.F.

Supplement the state standard GOST 10146-62. Standartizatsiia
27 no.10:45 0 '63. (MIRA 16:11)

MUSIN, Khatmulla Musich; YURIN, B.A., red.; IGNAT'YEV, V.A.,
tekhn. red.

[Trade unions of Soviet Kirghizistan; historical study]
Profsoiuzy Sovetskogo Kirgizstana; istoricheskii ocherk.
Moskva, Profizdat, 1962. 205 p. (MIRA 15:8)
(Kirghizistan—Trade unions)

MUSIN, Khatmulla Musich; ZELIKOV, V., red.; CHOTIYEV, S., tekhn.
red.

[The working class of Soviet Kirghizistan, 1917-1963; a
brief historical outline] Rabochii klass Kirgizii (1917-
1963 gg.); kratkii istoricheskii ocherk. Frunze, Kirgiz-
gosizdat, 1963. 87 p. (MIRA 17:2)

MUSIN, M.

Accounting for reducing labor expenditure in an enterprise. Sots.
trud 8 no.9:107-110 S '63. (MIRA 16:10)

1. Nachal'nik otдела trudovykh normativov Sverdlovskogo nauchno-
issledovatel'skogo i proyektno-tekhnologicheskogo instituta
mashinostroyeniya.

MUSIN, M.A.

United brigade. Transp.stroi. 9 no.8:14-16 Ag '59.
(MIRA 13:1)
(Zheleznodorozhnaya--Railroads--Buildings and structures)
(Construction workers)

MUSIN, M.A.

Dmitrii Chernysh and his brigade. Transp.stroi. 10 no.5:8
Ky '60. (MIRA 13:7)

(Tiflis--Plastering)

MUSIN, M.A.

Andrei Antikhov's group of communist labor. Transp.stroi. 10
no.6:3 Je '60. (MIRA 13:7)
(Moscow--Reinforced concrete)

MUSIN, M.A.; PETROV, I.P.

Mechanizers on the Volga-Baltic Sea Waterway. Transp. stroi. 12
no.12:7-8 D '62. (MIRA 16:1)
(Volga-Baltic Sea Waterway--Hydraulic engineering)

MUSIN, M.A.

Chief engineer of a mechanized work column. Tranap. stroi.
14 no.3:31-32 Mr '64. (MIRA 17:6)

MOSEIN, M.G.

Nikolai Belov leads the brigade. Transp. etroi. 14. 11:41-42
N '64. (MIRA 18:3)

MUSIN, M.A.

Quarter of a century on the steel tracks. Transp. stroi. 14
no.10:30-31 0 '64. (MIRA 18:2)

1. Korrespondent zhurnala "Transportnoye stroitel'stvo".

MUSIN, M.A.

Mikhail Kizlik, a high-class driver. Transp. stroi. 15
no.9:31-32 S '65. (MIRA 18:11)

MUSIN, M.A.

Fasakh Gel'fanov and his brigade. Transp. stroi. 15 no.6:
33-34 Je '65. (MIRA 18:12)

GUZHAVIN, V.M.; KLIGER, G.K.; KOLGANOV, V.Z.; LEBEDEV, A.V.; MARISH, K.S.;
MUSIN, M.A.; PROKOSHKIN, Yu.D.; SMOLYANKIN, V.T.; SOKOLOV, A.P.;
SOROKO, L.M.; TSUY VA-CHUAN [Ts'ui Wa-ch'uang]

Elastic scattering of 650 Mev. protons. Zhur. eksp. i teor. fiz.
47 no.4:1228-1231 0 '64. (MIRA 18:1)

1. Ob'yedinennyy institut yadernykh issledovaniy.

MUSIN, M.A.

Mikhail Kotikov and his crew. Transp. stroi. 14 no.4:36-37 Ap. '64.
(L.A. 17:9)

700-5101 No. 124047893

...: G. M. V. M.; K. L. T. ...; ...
A. Y.; Hovish, K. S.; Musin, M. A.; P. ...;
V. T.; Sokolov, A. P.; Soroko, E. N.; Tolstoy, M. S.

topic: Elastic proton scattering at 65 MeV

Source: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41,
no. 4, 1964, 1228-1231

atomic TAGS: proton proton scattering, elastic scattering, angular dependence, scattering cross section, differential cross section.

ABSTRACT: A total of 1767 events of elastic p-p scattering at 650 MeV was registered with the liquid-bubble chamber of the LBNP, placed in the beam of protons with energy 650 ± 5 MeV. The experiment and procedure were described by the authors elsewhere (Zhurav' v. 46, 1245, 1964); the proton scattering angles were measured with

Card 1/2

MUSIN, M.F.

Skin thermometry and arteriography in obliterating arteriosclerosis.
Nauch. trudy Kaz. gos. med. inst. 14:493-494 '62.

1. Kafedra nefrologii i radiologii (zav. - prof. N.I. Gollubovskiy).
Kazanskogo meditsinskogo instituta.

MUSIN, M.F., aspirant

Method for intravital arteriography on the extremities. Kaz.med.zhur.
no.5:67-69 S-0 '60. (MIRA 13:11)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. M.I.Gol'dshteyn)
Kazanskogo meditsinskogo instituta.

(ARTERIES--RADIOGRAPHY)

(EXTREMITIES (ANATOMY)--DISEASES)

MUSIN, M.F., aspirant

Significance of arteriography and oscillography in endarteritis
obliterans. Kaz. med. zhur. no.5:31-34 S-0 '61. (MIRA 15:3)

1. Kafedra rentgenologii i radiologii (zav. - prof. M.I.
Gol'dshteyn) Kazanskogo meditsinskogo instituta.

(ARTERIES--DISEASES)

(ANGIOGRAPHY)

(OSCILLOGRAPHY)

GOL'DSHEYN, M.I., prof.; MUSIN, M.F., aspirant

Arteriography in patients with obliterating endarteritis under
ambulatory conditions. Khirurgiia 37 no.5:28-30 My '61.
(MIRA 14:5)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. M.I.
Gol'dshteyn) Kazanskogo meditsinskogo instituta.
(ANGIOGRAPHY) (ARTERIES--DISEASES)

MUSIN, M.Kh.

Structure of Devonian horizons and characteristics of oil
pools in the Shkapovo field. Trudy UfNII no.4:30-68 '59.
(MIRA 12:8)
(Bashkiria--Petroleum geology)

MUSIN, M.Kh.; YUFEROV, Yu.K.

Combined geological section of the middle Devonian and the
lowest part of the upper Devonian in western Bashkiria. Dokl.
AN SSSR 134 no.2:415-418 S '60. (MIRA 13:9)

1. Ufinskiy neftyanoy nauchno-issledovatel'skiy institut.
Predstavleno akademikom D.V.Nalivkinym.
(Bashkiria--Geology, Stratigraphic)

MUSIN, M.Kh.

Programming the development of Devonian oil pools in the Shkapovo
field. Geol. nefti i gaza vol. 4, no. 4:24-29 Ap '61.

(MIRA 14:5)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
(Shkapovo region—Oil fields—^Production methods)

MAKSIMOV, M.I.; BAISHEV, B.T.; GATTENBERGER, Yu.P.; MUSIN, M.Kh.

Geology of a producing layer as a basis for improving the
programming of petroleum production. Geol. nefti i gaza 5
no. 3:20-24 Mr '61. (MIRA 14:4)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy
institut.

(Oil fields—Production methods)

MUSIN, M.Kh.; KLYUCHAREV, V.S.; YUFEROV, Yu.K.

Geology of the terrigenous Devonian formation of the Belebey-Aksakovo section of Bashkiria. Izv.vys.ucheb.zav.; geol.i
razv. 5 no.3:32-43 M. '62. (MIRA 15:4)

1. Ufimskiy nauchno-issledovatel'skiy institut.
(Bashkiria--Petroleum geology)

MUSIN, M.Kh.; CHERNOMORSKIY, V.N.; NADEZHKIN, A.D.

Synoptic geological section of lower Carboniferous terrigenous deposits of northwestern Bashkiria. Dokl. AN SSSR 143 no.3:674-677 Mr '62. (MIRA 15:3)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut. Predstavleno akademikom N.M. Strakhovym.
(Bashkiria—Geology, Stratigraphic)

MISIN, M.Kh.; CHERNOMORSKIY, V.N.; CHUMOSOV, P.I.

Structure and correlation of sand beds in the terrigenous formation of the Lower Carboniferous in Bashkiria. Geol. nefti i gaza 7 no.6:38-41 Je '63. (MIRA 16:9)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

MUSIN, M.Kh.; OVANESOV, M.G.; YUFEROV, Yu.K.

Oil potential of the limestones of the Biya horizon in the Shkapovo field and their prospects in the adjacent territories of Bashkiria and Orenburg Province. Neftegaz.geol.i geofiz. no.9:43-46 '63.

(MIRA 17:3)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut i Neftepromyslovoye upravleniye "Aksakovneft".

MUSIN, M.Kh.

Structure and oil potential of the Vorob'yevka horizon
in western Bashkiria. Dokl. AN SSSR 153 no.6:1411-1414
D '63. (MIRA 17:1)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
Predstavleno akademikom D.I. Shcherbakovym.

MUSIN, M.Kh.; CHUNOSOV, P.I.

Structure of reservoir rocks and oil pools in the terrigenous formation
of the Lower Carboniferous of the Novokhazino area. Geol. i geofiz.
no.5:31-38 '64. (MIRA 17:9)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

MUSIN, M. Kh.; YUFEROV, Yu.K.

Division and correlation of the Middle Devonian and lower
Frasnian sediments in western and southwestern Bashkiria.
Sov. geol. 7 no.6:134-139 Je '64 (MIRA 18:1)

1. MUSIN, M. M. ENG.
2. USSR (600)
4. Machine-Shop Practice
7. Widespread popularization of Stakhanov accomplishments at the State Ball Bearing Plant no. 6. Podshipnik no. 8, '52.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

MUSIN, M.M., inzhener.

Die stamping method in the manufacture of large barrel-shaped balls and
rollers. Podshipnik no.7:28-30 JI '53. (MLBA 6:8)
(Dies (Metal-working)) (Roller bearings)

YAGNYATINSKIY, S.O.; MUSIN, M.M.; KRAVTSOV, V.S., vedushchiy redaktor;
DUGINA, N.A., tekhnicheskii redaktor.

[Automatic lines for grinding bearing parts] Avtomaticheskie linii
dlya shlifovaniia detalei podshipnikov. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1954. 31 p. (MIRA 8:1)
(Grinding and polishing) (Roller bearings)

MUSIN, M. M.

USSR/Miscellaneous - Industrial Processes

Card 1/1

Authors : Yagnyatinskiy, S. O., and Musin, M. M.

Title : Automatic conveyor production system composed of universal centerless grinding machines

Periodical : Stan. i Instr. ²⁶ No. 5, 1 - 4, May 1954

Abstract : Brief description is given of automatic conveyor production systems used for grinding bearing components. The systems are made up of universal centerless grinding machines. This system can be successfully adopted in factories having analogous equipment, regardless of the configuration of the parts machined. Drawings, illustrations.

Institution : ...

Submitted : ...

MUSIN, M.M.; YEGOROV, M.P.

How to reduce labor consumption? Mashinostroitel' no.10-35-36 0
'65. (MIRA 18:10)

MUSIN, M.M.

Establishment of plans according to the scientific organization
of work in working areas. Mashinostroitel' no.3:32-35 Mr '65.
(MIRA 18:4)

IVANOV, G.I.; MUSIN, N.Kh.; BATTUROV, Kh.M.

Hydraulic sand-jet perforation in fields of the Oil Field Administration
of the Aksakovo Petroleum Trust. Nefeprom, delo no.5:30-34 '64.

(MIRA 17:9)

1. Neftepromyslovoye upravleniye "Aksakovneft'".

MUSIN, N. Kh.

MUSIN, N.Kh.; SMIRNOV, N.N.

Practive in using the sand jet method in the Shkapovo field. Neft.
khoz. 43 no.9:62-65 S '65.

(MI RA 18:10)

MUSIN, N.V.

Results of treating cancer of the skin with omain ointment. Vop.
onk. 6 no. 8:93-96 Ag '60. (MIRA 14:1)
(SKIN—CANCER) (COLCHICINE)

MUSIN, N.V.

Treatment of skin cancer with omain prednisolone ointment;
a preliminary report. Sov. zdrav. Kir. no.6:27-29 N-D'62.

(MIRA 16-6)

1. Iz Kirgizskogo nauchno-issledovatel'skogo instituta¹ onko-
logii i radiologii (dir.prof. A.I.Sayenko).
(SKIN-CANCER) (COLCHAMINE) (PREGNADIENEDIONE)

MUSIN, B.A.

Age and origin of corundum in the southern Kura-Tau (comments
on B.F.Vasilevski's article). Zap.Uz.otd.Vses.mia.ob-va no.6:
91-96 '54. (MLRA 9:12)

1. Institut geologii Akademii UzSSR.
(Kura-Tau--Corundum) (Vasilevskii, B.F.)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 70 (USSR) 15-1957-3-2931

AUTHOR: Musin, R. A.

TITLE: The Emery of the Mal'guzar Mountains and Some Questions on the Origin and Accumulation of Free Alumina (Nazhdaki Mal'guzar gor i nekotoryye voprosy obrazovaniya i nakopleniya svobodnogo glinozema)

PERIODICAL: Zap. Uzbekist. otd. Vses. mineralog. o-va, 1955, Nr 8, pp 201-207

ABSTRACT: The emery of the Mal'guzar Mountains occurs as nests, lenses, and bedded bodies in marmorized limestones of Carboniferous age; it forms several productive horizons. In many areas where emery is found, its unmetamorphosed relative, bauxite, is exposed. A number of geological factors and the similarity between the chemical compositions of emery and bauxite indicate that emery is limestones is formed by dehydration of primary sedimentary hydrates of alumina. Emery deposits in limestones that

Curd 1/3

15-1957-3-2931

The Emery of the Mal'guzar Mountains and Some Questions on the
Origin and Accumulation of Free Alumina

the formation of minerals from free alumina (emery and diaspore formation and alunitization in secondary quartzites) is associated with decomposition of aluminum silicates in an exogene environment. It is proposed that the "secondary quartzites" with alunite may be the source of the free alumina necessary to form bauxite. The falling of free alumina into a magma and the ensuing assimilation may lead to the formation of corundum masses in intrusive rocks. Thus alumina completes a definite cycle, changing from aluminum silicates (eruptive rocks) to bauxite (sedimentary formations) and later into eruptive or metamorphic formations.

O.V.B.

Card 3/3

MUSIN, R.A.; PETROV, N.P., kand.geol-min.nauk, otvetstvennyy red.;
~~PODASHNEVSKAYA, E.S., red.isd-va; SALIMOVA, D., tekhn.red.~~

[Genetic types of deposits of corundum as varieties of alumina]
Geneticheskie tipy mestorozhdenii korundovykh rud kak raznovidnosti
glinosemistykh formatsii. Tashkent, Izd-vo Akad. nauk Uzbekskoi
SSR, 1957. 152 p. (MIRA 11:3)
(Corundum)

MUSIN, R.A.

Approach to the study of the formation of minerals based on alumina
formations. Izv. AN Uz. SSR. Ser. geol. no.2:27-31 '57.

(Alumina)

(MIRA 11:9)

MUSIN, R.A.; MIRKHODZHIYEV, I.M.

Results of the conference on the geology of complex ore deposits
in Central Asia, held in Frunze, 1955. Izv. AN Uz. SSR. Ser. geol.
no.2:81-83 '57. (MIRA 11:9)
(Soviet Central Asia--Ore deposits)

KHAMRABAYEV, I. Kh.; MUSIN, R.A.

Second All-Union Conference on Petrography. Uzb.geol.zhur. no.5:
5-8'58. (MIRA 12:2)

1. Institut geologii AN UzSSR.
(Petrology)

S/015/60/000/009/005/005
A052/A129

AUTHOR:

Musin, R. A.

TITLE:

On hydrothermally modified rocks of the Kalmakyr (Almalyk) copper-molybdenum deposit

PERIODICAL:

Referativnyy zhurnal Geologiya, 1960, no. 9, 300, abstract 17800
(Uzb. geologiya zh., Uzb. geol. zh., 1959, no. 2, 48 - 55, Uzbekian summary)

TEXT:

The mineralization of the Kalmakyr copper-molybdenum deposit is accompanied by an intensive modification of the enclosing rocks (syenites and granodiorite-porphyrries), which are usually called secondary quartzites or aluminosilicites. This term, according to N. I. Nakovnik's views, implies magmatic rocks (of an acid or a neutral composition with a high alumina content) exposed to the modification processes, at which a considerable concentration of sulfates or alumina hydrates (alunite, diaspore) or, at high temperatures, of corundum, zuniite, andalusite and sillimanite takes place. The modified rocks, bearing the copper-molybdenum mineralization of Kalmakyr, are not aluminosilicites. Here, besides quartz, sericite, secondary microcline, biotite, chlorite and pyrite are widespread; uralite, epidote, calcite are rare. In the acidified zone kaolinite,

Card 1/2

On hydrothermally modified rocks of the Kalmakkyr ...

S/015/60/000/009/005/005
A052/A129

soaked with iron hydroxides, calcite veins and gypsum are developed; sometimes alunite is met. For the totality of secondary minerals the medium temperature process of modification of magmatic rocks of neutral composition, corresponding to propylitization, is characteristic. In this case among the usual propylite minerals albite is absent and epidote, amphibole and carbonates are relatively rare. In the area of industrial rocks the postmagmatic minerals are distributed by zones: in its central part, i.e., the stock of granodiorite-porphyrries, quartz prevails; moreover, there is a zone, where the maximum value has at first chlorite and then potash feldspar, biotite and sericite.

V. P. Tsetlin.

[Abstracter's note: Complete translation]

Card 2/2

BATALOV, A.B.; BAYMUKHAMEDOV, Kh.N.; GAR'KOVETS, V.G.; ISAMUKHAMEDOV, I.M.;
KUCHUKOVA, M.S.; MALAKHOV, A.A.; MATSOKINA, T.M.; MIRKHODZHAYEV, I.M.;
MUSIN, R.A.; PETROV, N.P.; TULYAGANOV, Kh.T.; KHAMRAZAYEV, I.Kh.

Winner of the Lenin Prize. Uzb.geol.zhur. no.2:94-96 '59.
(MIRA 12:8)

(Abdullaev, Khabib Mukhamedovich)

AYZEMSHTADT, I.A.; VOL'FSON, N.B.; DENISOV, S.A.; MUSIN, R.A.

Genetic connection between copper-molybdenum ore formation in the Almalyk region and intrusions, and its importance for copper are prospecting. Uzb.geol.zhur.no.3:7-17 '60.
(MIRA 13:11)

1. Glavgeologiya UzSSR i Institut geologii AN UzSSR.
(Almalyk region--Copper ores)(Almalyk region--Molybdenum ores)

MUSIN, R.A.

All-Union session on distribution of copper porphyry and copper
pyrite ores. Uzb. geol. shar. no.4:58-60 '60. (MIRA 13:10)
(Ore deposits)

BATALOV, A.B.; BORISOV, O.M.; MAVLIANOV, G.A .; MUSIN, R.A.; KHAMRABAYEV,
I.Kh.; BAYMUKHAMEDOV, Kh.H.

Khabib Mukhamedovich Abdullaev; obituary. Geol.rud.mestorozh.
no.5:119-120 8-0 '62. (MIRA 15:12)
(Abdullaev, Khabib Mukhamedovich, 1912-1962)

KHAMRABAYEV, I.Kh.; MATSOKINA, T.M.; MIRKHODZHAYEV, I.M.; MUSIN, R.A.

Postmagmatic manifestations in western Uzbekistan and the
Chatkal-Kurama region. Zap. Uz. otd. Vses. min. ob-va no.14:
5-12 '62. (MIRA 16:7)

(Uzbekistan—Rocks, Igneous)
(Kurama Range—Rocks, Igneous)
(Chatkal Range—Rocks, Igneous)

AZHMEDZHANOV, M.A.; MUSIN, R.A.; FEDOROVA, I.B.; YARMUKHAMEDOV, A.R.

Carbonate formations of the Middle Paleozoic in the Almalyk
region. Uzb.geol.zhur. 6 no.3:5-13 '62. (MIRA 15:6)

1. Institut geologii AN UzSSR.
(Almalyk region--Rocks, Carbonate)

AKHMEDZHANOV, M.A.; BORISOV, O.M.; MUSIN, R.A.; YAKUBOV, D.Kh.

Tectonic pattern of the Almalyk ore zone. Uzb. geol. zhur.
7 no.3:55-61 '63. (MIRA 16:11)

1. Institut geologii imeni Kh.M. Abdullayeva AN UzSSR.

PETROV, N.P., kand. geol.-miner. nauk, otv. red.; VORONICH, T.M.,
kand. geol.-miner. nauk, red.; GOR'KOVY, O.P., kand.
geol.-miner. nauk, red.; KENZIN, I.A., kand. geol.-miner.
nauk, red.; MUSIN, R.A., kand. geol.-miner. nauk, red.;
SPEKTOR, L.Ye., red.

[Geology and minerals of Uzbekistan] Geologiya i poleznye
iskopaemye Uzbekistana. Tashkent, Nauka, 1964. 199 p.
(MIRA 17:5)

1. Akademiya nauk Uzbekskoy SSR. Tashkent. Institut geologii
i geofiziki.

ABDULLAYEV, Kh.M.; MUSIN, R.A., kand. geol. min. nauk, otv. red.;
MAVLIYANOV, G.A., akademik, glav. red.; BAYMUKHAMEDOV,
Kh.M., doktor geol.-min. nauk, red.; KHAMRABAYEV, I.Kh.,
doktor geol.-min. nauk, red.; BORISOV, O.M., kand. geol.-
min. nauk, red.; GOR'KOVY, O.F., kand. geol.-min. nauk,
red.; KUCHUKOVA, M.S., kand. geol.-min. nauk, red.;
MATSOKINA, T.M., kand. geol.-min. nauk, red.; SPEKTOR,
L.Ye., red.

[Collected works] Sobranie sochinenii. Tashkent, Nauka,
Uzbekskoi SSR. Vol.3. 1964. 448 p. (MIRA 13:2)

1. Akademiya nauk Uzbekskoy SSR (for Mavliyanov).

MUSIN, R.A.

Developing scientific principles of prospecting for aluminum
resources. Uzb, geol. zhur. 8 no.1:43-48 '64.

(MIRA 18:5)

1. Institut geologii i geofiziki im. Kh.M. Abdullayeva AN UzSSR.

AKHMEDZHANOV, M.A.; MUSIN, R.A.; MIRKAMILOV, A.; YARMUKHAMEDOV, A.R.

Devonian red formation in the Chatkal-Kurama Mountains and its
copper potential. Zap. Uz. otd. Vses. min. ob-va no.16:114-
121 '64.
(MIRA 18:6)

MUSIN, S.P., inzh.; SITNIKOV, L.P., red.; SOSINA, A.L., tekhn.red.

[Collection of inventions; manufacture of forging and sheet metal working machinery and press-working operations] Sbornik izobretenii; kuznechno-pressovoe mashinostroenie i shtampo-vochnye raboty. Moskva, TSentr.biuro tekhn.informatsii, 1961. 126 p.
(MIRA 15:2)

1. Russia (1923- U.S.S.R.) Komitet po delam izobreteniy i otkrytiy.

(Bibliography--Forging machinery)

(Bibliography--Sheet metal working machinery)

ACC NR: AP6034916

SOURCE CODE: UR/0419/66/000/003/0005/0011

AUTHOR: Ogloblina, I. P. ; Krasnyy, E. B. ; Yefremov, A. A. ; Musin, T. G.

ORG: none

TITLE: Preparation and properties of high-purity silicon dioxide sorbents

SOURCE: AN BSSR. Vestsi. Seryya khimichnykh navuk, no. 3, 1966, 5-11

TOPIC TAGS: silica gel, silicon dioxide, sorbent, ethyl silicate, silicon tetrachloride, impurity

ABSTRACT: Two methods, both based on the hydrolysis of ethyl silicate and silicon tetrachloride, have been developed at the Institute of Chemical Reagents and High-Purity Substances (IREA) for obtaining high-purity synthetic silicon dioxides having a variety of adsorption properties. These are: $\text{Si}(\text{OC}_2\text{H}_5)_4 + 4\text{H}_2\text{O} \rightarrow \text{Si}(\text{OH})_4 + 4\text{C}_2\text{H}_5\text{OH}$ and $\text{SiCl}_4 + 4\text{H}_2\text{O} \rightarrow \text{Si}(\text{OH})_4 + 4\text{HCl}$. The silica gels obtained from ethyl silicate showed strong water-repellent properties. A comparison of the capacity of heat treated samples to absorb benzene and water vapor showed that surface resistance to water is a function of surface dehydration. Silica

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ACC NR: AP6034916

gels obtained by either method are characterized by a purity of not less than $2 \cdot 10^{-6}\%$ and may be used for the absorption of microimpurities in processing leading to a high degree of purification. [SP]

SUB CODE: 07/SUBM DATE: none/ORIG REF: 012/OTH REF: 002/

Card 2/2

MUSIN, T. M.

USSR/Farm Animals. Small Horned Stock.

Abstr Jour: Ref Zhur-Biol., No 20, 1958, 92595.

Author : Yelennov, A., Villius, V.V., Musin, T.M.

Last :

Title : An Attempt to Improve the Merino Flock in Kazakhstan.

Orig Pub: Agrobiologiya, 1957, No 6, 34-41.

Abstract: There is a highly productive flock of fine-fleeced sheep at the Deskaragayskiy Sovkhoz in Pavlodarskaya Oblast which yields an average of 3.175 kg of pure fiber per sheep. Breeding work has been conducted on this herd since 1932. Rams of the Ramby'ye, Askaniysk and Altay breeds have been used to improve the herd. Reproduction is now kept "within the bunch". The type of animal desired is a heavy one with a large wool coat of fine fleece having a 46.5%

Card : 1/2

64

CHALOV, P.I.; MUSIN, Ya.A.; PERVUKHINA, K.I.

Determining the comparative migration properties of the UX_1 (Th^{234})
in supergene uranium deposits. Zap. Kir. otd. Vses. min. ob-va
no.1:113-124 '59. (MIRA 14:3)
(Thorium—Isotopes) (Uranium)

CHALOV, P.I.; TUZOVA, T.V.; MUSIN, Ya.A.

Isotopic ratio U^{234}/U^{238} in natural waters and its use in
geochronology. Izv. AN SSSR Ser. geofiz. no.10:1552-1561
O '64. (MIRA 17:11)

1. Institut fiziki i matematiki AN Kirgizskoy SSR.

CHALOV, P.I.; MUSIN, Ya.A.

Radiometric determination of the uranium-238 and thorium-234 content of solutions in the presence of other radioactive elements of the uranium series. Izv. AN Kir. SSR. Ser. est. i tekhn. nauk 1 no.3: 113-118 '59. (MIRA 14:9)

(Radioisotopes)

MUSIN, Ya.A.; CHALOV, P.I.

Comments on the application of gamma radiation from the products
of radium decay as an indicator of the quantitative uranium content
in ores. Izv. AN Kir. SSR. Ser. est. 1 tekhn. nauk 1 no.3:119-125
'59. (MIRA 14:9)

(Radium--Decay) (Gamma rays) (Uranium)

MUSIN, Ya.A.

Some deficiencies in the operation of a B-2 (r-f unit VSP)
radiation meter equipped with a P-349-2 scintillation adapter.
Izv. AN Kir. SSR. Ser. est. 1 tekhn. nauk 3 no.1:153-155 '61. (MIRA 14:7)

(Radiometer) (Scintillation counters)

CHALOV, P.I.; TUZOVA, T.V.; MUSIN, Ya.A.

Isotopic U^{234}/U^{238} ratio in natural waters and its use for nuclear geochronology. Geokhimiia no.5:404-413 My '64. (MIRA 18:7)

1. Institut of Physics and Mathematics, Academy of Sciences of the Kirghiz Soviet Socialist Republic, Frunze.

CHALOV, P.I.; MUSIN, Ya.A.; TUZOVA, T.V.; MERKULOVA, K.I.

Isotope shift between U^{234} and U^{238} in secondary uranium minerals
of some hydrothermal deposits. Atom. energ. 19 no.1:82-84 J1 '65.
(MIRA 18:7)

S/196/61/000/009/031/052
E194/E155

AUTHOR: Musin, Ye.A.

TITLE: A two-armature machine amplifier of the
"rapidyne" type

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika,
no.9, 1961, 30, abstract 9I 200. (Izv. Leningr.
elektrotekhn. in-ta, no.42, 1960, 327-338)

TEXT: A comparative analysis is given of amplifiers of
the rapidyne and amplidyne types. The following conclusions are
drawn. 1) The rapidyne is less liable to hunting than the
amplidyne. 2) The rapidyne has higher Q-factor and power
amplification coefficient than an amplidyne of the same size.
3) The output is subject to the same limitations as apply to a
normal two-armature d.c. machine.

[Abstractor's note: Complete translation.]

Card 1/1

LUKOMSKIY Yu.4, Inzh. Ucheb. Yezh. 1964.

Mathematical simulation of the electron beam amplifiers of
longitudinal field. Radiotekhnika i Elektronika 1964.

(MIRA 1964)

ACC NR: AR7008656 (N) SOURCE CODE: UR/0372/66/000/012/G066/G066

AUTHOR: Karasev, A. V.; Lukomskiy, Yu. A.; Musin, Ye. A.

TITLE: A random function generator for studying reliability and efficiency of marine systems

SOURCE: Ref. zh. Kibernetika, Abs. 12G458

REF SOURCE: Izv. Leningr. elektrotekhn. in-ta, vyp. 56, ch. 3, 1966, 69-73

TOPIC TAGS: random process, marine engineering, system reliability, electronic simulation

ABSTRACT: *Summary of the report.* The authors propose a random function generator for simulating irregular motion of the sea. This generator may be used for studying the reliability of a wide class of marine systems. The random process was radioactivity which was recorded by an STS-5 counter incorporated in a set of GS-1 gas counters. The stream of pulses resulting from registration of the radioactivity conforms to Poisson distribution. However, averaging in a scaling circuit with regard to background effect gives a stream with distribution approaching normal. In this case, Rayleigh law should be realized for amplitude values. The proposed generator as a whole may be used for producing a random function which simulates surface waves on the sea with regard to ship motion and course angle with respect to the path of the waves. 3 illustrations, bibliography of 1 title. G. V. [Translation of abstract]

SUB CODE: 09, 13

Card 1/1

UDC: 62.506:681.142.343:629.12

MUSIN, Yu.B.

Gorudite from the Khorinsk region (western Transbaikalia). Izv.
Sib. otd. AN SSSR Geol. i geofiz. no. 1:98-100 '58. (MIRA 14:5)

1. Vostochno-Sibirskiy filial AN SSSR.
(Khorinsk region—Gorudite)

Musina, A.A.

✓ Correlation between the salinity and chlorine content of the Azov sea. A. A. Musina and N. I. Mikel. *Gidrobiol. Materialy* 23, 1983, 1-10. The salinity, S , of the Azov sea is halfway between those of ocean and inland waters, being largest in the Sivash area and lowest in the Taganrog bay. The sea has larger HCO_3 and CO_3 and smaller SO_4 contents than those of the ocean, and the difference increases on moving eastward from the central area towards the bay. This is reflected in the increase of the Ca/Cl ratio from 0.02630 to 0.03017 and that of CO_3/Cl from 0.0030 to 0.02871. This fluctuation makes it difficult to det. the correlation between salinity and Cl . Relatively consistent results were obtained in sections of the central area. The usual formula expressing this correlation, S (parts per thousands) $+ 0.030 = 1.805[Cl]$, cannot be applied in this case. On the basis of exptl. data the following formula was found to give correct results: $S = 0.21 + 1.791[Cl]$. In the northeastern part of the sea, which receives a large influx of inland waters, the correlation can be expressed in the following way: $S = 0.20 + 1.797[Cl]$. However, the discrepancy between the findings obtained by the formulas is negligible and points to the feeble effect of inland waters on the salinity of the sea. The correctness of the formulas were verified experimentally, through analysis of waters contg. 3.6-6.8 % Cl . Exptl. corroboration for waters contg. less than 3.5% Cl is still lacking.

A. S. M.

MUSINA, A.A.

Hydrochemical characteristics of the Arctic Basin. Trudy
AANII 218:5-64 '60. (MIRA 15:2)
(Arctic Ocean — water-composition)

MUSINA, A.A.; AVDEYEVICH, O.A.

Relationship between the salinity and the chlorinity of the
water of the Arctic seas. Trudy AANII 218:110-124 '60.

(MIRA 15:2)

(Russia, Northern--Water--Composition)

GUR'YANOVA, A.P.; MUSINA, A.A.

Basic characteristics of the distribution of oxygen and
alkali in the water of the Atlantic origin in the Arctic seas.
Trudy AANII 218:125-158 '60. (MIRA 15:2)
(Russia, Northern--Water--Composition)

MUSINA, A.A.,

Salt composition of ice in the Boris Vilkitski Strait. Trudy
AANII 218:159-199 '60. (MIRA 15:2)
(Boris Vilkitski Strait--Ice)